

Adults Ages 18 years and Older Who Had a Flu Shot in the Past Year, by County and Public Health District, Maine, 2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Maine Total	4,280	485,849	47.1	45.6	48.6
County					
Androscoggin	265	35,509	47.2	41.3	53.2
Aroostook	239	28,918	42.8	36.4	49.2
Cumberland	757	94,381	50.3	46.9	53.7
Franklin	146	11,737	45.7	38.1	53.4
Hancock	197	21,766	43.2	37.1	49.3
Kennebec	328	39,023	45.4	40.5	50.3
Knox	215	14,250	44.3	38.4	50.1
Lincoln	214	15,372	48.5	41.9	55.1
Oxford	160	22,688	47.1	39.5	54.8
Penobscot	375	51,143	51.1	46.3	56.0
Piscataquis	103	7,489	41.7	33.8	49.7
Sagadahoc	159	14,837	47.7	39.6	55.8
Somerset	144	16,976	40.2	33.2	47.1
Waldo	194	15,508	44.7	38.0	51.5
Washington	185	14,029	47.1	40.1	54.1
York	486	69,985	49.0	44.5	53.4
Public Health District					
Aroostook	239	28,918	42.8	36.4	49.2
Central Maine	472	55,999	43.6	39.6	47.7
Cumberland	757	94,381	50.3	46.9	53.7
Downeast	382	35,795	44.6	40.0	49.3
Mid Coast	782	59,967	46.2	42.8	49.7
Penquis	478	58,631	49.7	45.4	54.0
Western Maine	571	69,934	46.9	42.8	51.0
York	486	69,985	49.0	44.5	53.4

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL= Lower 95% confidence level of the weighted percentage; UCL= Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

NA = not available

**Adults Ages 18 years and Older Who Had a Flu Shot in the Past Year,
by Race, Ethnicity, and Sexual Orientation, Maine, 2006-2010**

	Unweighted Number	Weighted Number	%	LCL	UCL
Race and Ethnicity					
American Indian or Alaskan Native only, non-Hispanic	118	18,465	37.3	29.9	44.8
Black only, non-Hispanic	DNR	DNR	DNR	DNR	DNR
Hispanic	150	23,781	38.5	31.6	45.4
Multiracial, non-Hispanic	143	19,045	36.2	29.8	42.6
Other	DNR	DNR	DNR	DNR	DNR
White only, non-Hispanic	15,709	2,060,480	41.9	41.1	42.6
Sexual Orientation					
Heterosexual or straight	15,565	2,059,025	41.5	40.8	42.2
Homosexual or gay or lesbian	239	29,412	41.0	35.2	46.8
Bisexual	106	19,766	36.7	28.5	45.0
Other	DNR	DNR	DNR	DNR	DNR

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL = Lower 95% confidence level of the weighted percentage; UCL = Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

DNR = data not reliable. Data is suppressed when Confidence Intervals are greater than 20 percentage points

Adults Ages 18 and Older Who Had a Flu Shot in the Past Year, Maine, 2001-2010

Year	Unweighted Number	Weighted Number	%	LCL	UCL
2001	873	336,311	35.0	32.8	37.1
2002	917	357,137	36.2	34.0	38.3
2003	954	376,455	37.6	35.4	39.7
2004	1,419	369,125	35.9	34.1	37.7
2005	1,269	305,491	29.5	27.8	31.2
2006	1,545	372,724	35.9	34.1	37.8
2007	3,255	442,251	42.0	40.5	43.5
2008	3,308	423,197	40.6	39.1	42.0
2009	3,964	436,489	42.5	41.1	44.0
2010	4,280	485,849	47.1	45.6	48.6

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL = Lower 95% confidence level of the weighted percentage; UCL = Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

Adults Ages 18 Years and Older Who Had a Flu Shot in the Past Year, by Selected Demographics, Maine, 2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Sex					
Female	2,736	277,490	51.8	49.9	53.6
Male	1,544	208,359	42.0	39.7	44.3
Age					
18-24	68	42,021	37.3	29.8	44.8
25-34	178	49,007	33.7	29.1	38.4
35-44	350	60,560	35.1	31.8	38.4
45-54	696	86,500	40.6	37.7	43.4
55-64	1,086	98,467	54.8	52.3	57.2
65+	1,872	147,271	72.0	70.1	73.9
Education					
Did not graduate High School	271	27,849	42.8	36.7	48.9
Graduated High School	1,351	149,097	43.3	40.7	45.9
Attended College or Technical School	1,043	122,005	45.4	42.4	48.3
Graduated from College or Technical School	1,608	186,366	52.9	50.4	55.3
Income					
Less than \$15,000	473	38,881	41.3	36.4	46.3
\$15,000 to less than \$25,000	736	70,735	45.9	42.1	49.7
\$25,000 to less than \$35,000	442	43,473	43.2	38.9	47.6
\$35,000 to less than \$50,000	596	71,550	48.5	44.7	52.2
\$50,000 or more	1,515	201,243	49.2	46.9	51.5

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL= Lower 95% confidence level of the weighted percentage; UCL= Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

**Children Ages 0-17 Who have Had a Inflenza Vaccination in the Past Year,
Maine, 2010**

Unweighted Number	Weighted Number	%	LCL	UCL
510	149,182	58.9	55.0	62.8

Data Source: Behavioral Risk Factor Surveillance System

Based on the response by a parent to the question: During the past 12 months, has your child had a flu vaccination?

% = Weighted percentage of respondents

LCL= Lower 95% confidence level of the weighted percentage

UCL= Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

**Estimated Vaccination Coverage Among Children Aged 19-35 Months,
by Year and by Race/Ethnicity, Maine, 2009-2010**

	Percentage	95% CI
Year		
2009	72.3	±6.1
2010	72.7	±7.3
U.S. 2010 [‡]	72.7	±1.2
Race and Ethnicity		
American Indian or Alaska Native, non-Hispanic	DNR	DNR
Asian, non-Hispanic	DNR	DNR
Black, non-Hispanic	DNR	DNR
Hispanic	DNR	DNR
Multiple Race, non-Hispanic	DNR	DNR
Native Hawaiian or other Pacific Islander, non-Hispanic	DNR	DNR
White, non-Hispanic	74.6	±6.9

Data Source: National Immunization Survey (NIS)

Percentage shown is a point estimate. 95% CI = 95% confidence interval (CI).

Includes percentages of children receiving 4 or more doses of DTaP, 3 or more doses of poliovirus, 1 or more doses of MMR, 3 or more doses of Hepatitis B vaccine, and 1 or more doses of varicella vaccine, and 4 or more doses of PCV. Hib vaccine is excluded.

Children in the Q1/2010-Q4/2010 National Immunization Survey were born from January 2007 through July 2009. Children in the Q1/2009-Q4/2009 National Immunization Survey were born between January 2006 and July 2008.

US National estimates include the 50 States plus the District of Columbia, and exclude the U.S. Virgin Islands.

Race and Ethnicity are reported by respondent. Individual racial groups do not include Hispanic children. Children of Hispanic ethnicity may be of any race.

DNR: Data Not Reliable. Data is not provided if the unweighted sample size for the denominator was <30 or (CI half width)/Estimate > 0.6.

**Meningococcal Vaccination Coverage Among Adolescents Aged 13-17 Years,
by Year and by Race and Ethnicity, Maine, 2008-2010**

	Percentage	95% CI
Year		
2008	35.6	29.9-41.7
2009	47.3	40.7-54.1
2010	56.4	49.9-62.6
U.S. 2010	62.7	61.5-63.9
Race and Ethnicity		
American Indian or Alaska Native, non-Hispanic	DNR	DNR
Asian, non-Hispanic	DNR	DNR
Black, non-Hispanic	DNR	DNR
Hispanic	DNR	DNR
White, non-Hispanic	57.5	50.9-63.9

Data Source: National Immunization Survey - Teen (NIS-Teen)

Percentage shown is a point estimate. Vaccination coverage estimates include only adolescents who had adequately complete provider-reported immunization records.

Includes percentages of adolescents receiving one or more doses of meningococcal conjugate vaccine (MCV4) or meningococcal-unknown type vaccine. † with ≥1 Dose of MCV4 Vaccine

Adolescents in the 2009 NIS-Teen were born during January 1991 - February 1997. Adolescents in the 2010 NIS-Teen were born during January 1992 - February 1998.

95% CI = 95% confidence interval (CI).

Race and Ethnicity are reported by respondent. Adolescents of Hispanic ethnicity may be of any race. Native Hawaiian or other Pacific Islanders and persons of multiple races were not included because of small sample sizes.

DNR: Data Not Reliable. Data is not provided if the unweighted sample size for the denominator was <30 or (CI half width)/Estimate > 0.6.

**Pertussis Incidence,
by County and Public Health District, Maine 2011**

	Number	Rate*
Maine Total	205	15.4
US rate	NA	8.9
County		
Androscoggin	1	0.9
Aroostook	0	0.0
Cumberland	12	4.2
Franklin	1	3.3
Hancock	10	18.3
Kennebec	6	4.9
Knox	1	2.5
Lincoln	1	2.9
Oxford	3	5.2
Penobscot	137	89.1
Piscataquis	18	103.3
Sagadahoc	2	5.7
Somerset	2	3.8
Waldo	5	12.9
Washington	1	3.1
York	5	2.5
Public Health District		
Aroostook	0	0.0
Central	8	4.6
Cumberland	12	4.2
Downeast	11	12.6
Midcoast	9	6.1
Penquis	155	90.5
Western	5	2.6
York	5	2.5

* Rate = number of cases per 100,000 population using the corresponding year census estimate as the denominator.

**Pertussis Incidence,
by Selected Demographics, Maine 2011, and by Year, Maine 2002-2011**

	Number	Rate*
Maine Total	205	15.4
Sex		
Male	95	14.6
Female	110	16.2
Ethnicity		
Hispanic	3	16.7
Not Hispanic	190	14.5
Unknown	12	
Race		
American Indian or Alaska Native	0	0.0
Asian, Native Hawaiian or Pacific Islander	0	0.0
Black or African American	0	0.0
White	193	15.2
Multiple races	0	0.0
Unknown	12	
Age Group (yrs)		
0-4	30	44.3
5-14	119	78.6
15-24	25	15.0
25-44	18	5.8
45-64	7	1.7
65+	6	2.8
10-Year Trend		
2002	21	1.6
2003†	91	7.0
2004†	195	14.8
2005	55	4.2
2006	174	13.2
2007	83	6.3
2008	49	3.7
2009	80	6.1
2010	53	4.0
2011	205	15.4

* Rate = number of cases per 100,000 population using the corresponding year census estimate as the denominator.

†1 gender unknown for both years 2003 and 2004

Adults Ages 65 or Older That Have Ever Had a Pneumonia Shot, by County and Public Health District, Maine, 2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Maine total	1,777	139,580	71.8	69.8	73.8
Nationwide (States and DC)	NA	NA	68.8	NA	NA
County					
Androscoggin	101	8,513	65.9	56.4	75.4
Aroostook	105	8,892	69.7	61.4	77.9
Cumberland	309	27,995	77.0	72.5	81.4
Franklin	65	3,875	78.9	69.4	88.4
Hancock	94	8,186	69.9	61.6	78.3
Kennebec	132	11,173	72.0	65.1	78.9
Knox	98	5,465	74.1	65.6	82.6
Lincoln	107	5,772	73.1	65.2	80.9
Oxford	DNR	DNR	DNR	DNR	DNR
Penobscot	144	13,441	79.4	73.2	85.6
Piscataquis	DNR	DNR	DNR	DNR	DNR
Sagadahoc	DNR	DNR	DNR	DNR	DNR
Somerset	62	4,944	69.3	59.7	79.0
Waldo	76	4,386	63.7	54.6	72.9
Washington	78	3,883	65.2	55.4	74.9
York	203	18,801	72.0	66.4	77.6
Public Health District					
Aroostook	105	8,892	69.7	61.4	77.9
Central Maine	194	16,118	71.2	65.6	76.8
Cumberland	309	27,995	77.0	72.5	81.4
Downeast	172	12,069	68.3	61.9	74.8
Mid Coast	337	18,812	69.8	65.2	74.4
Penquis	189	15,863	78.2	72.6	83.8
Western Maine	234	18,119	68.0	62.0	74.0
York	203	18,801	72.0	66.4	77.6

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL= Lower 95% confidence level of the weighted percentage; UCL= Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

NA = not available

DNR = data not reliable. Data is suppressed when Confidence Intervals are greater than 20 percentage points

Adults Ages 65 or Older That Have Ever Had a Pneumonia Shot, by Selected Demographics, Maine, 2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Sex					
Female	1,177	84,521	75.0	72.6	77.4
Male	600	55,059	67.3	64.0	70.7
Education					
Did not graduate High School	175	13,038	64.7	57.8	71.6
Graduated High School	667	53,027	72.2	69.0	75.4
Attended College or Technical School	389	30,219	72.9	68.8	77.0
Graduated from College or Technical School	543	43,039	72.7	69.2	76.2
Income					
Less than \$15,000	265	16,794	72.3	67.3	77.4
\$15,000 to less than \$25,000	431	31,209	71.2	67.0	75.4
\$25,000 to less than \$35,000	226	18,703	70.9	65.6	76.2
\$35,000 to less than \$50,000	220	19,555	77.4	72.4	82.5
\$50,000 or more	345	30,129	69.3	64.9	73.7

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL= Lower 95% confidence level of the weighted percentage; UCL= Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

**Adults Ages 65 or Older That Have Ever Had a Pneumonia Shot,
by Race, Ethnicity, and Sexual Orientation, Maine, 2006-2010**

	Unweighted Number	Weighted Number	%	LCL
Race and Ethnicity				
American Indian or Alaskan Native	DNR	DNR	DNR	DNR
Black only, Non Hispanic	DNR	DNR	DNR	DNR
Hispanic	DNR	DNR	DNR	DNR
Multiracial, Non Hispanic	DNR	DNR	DNR	DNR
Other	DNR	DNR	DNR	DNR
White only, Non Hispanic	6,460	657,219	71.1	69.9
Sexual Orientation				
Heterosexual or straight	6,326	644,133	71.2	70.1
Homosexual or gay or lesbian	DNR	DNR	DNR	DNR
Bisexual	DNR	DNR	DNR	DNR
Other	DNR	DNR	DNR	DNR

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL = Lower 95% confidence level of the weighted percentage; UCL = Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

DNR = data not reliable. Data is suppressed when Confidence Intervals are greater than 20 percentage points

UCL
DNR
DNR
DNR
DNR
DNR
72.2
72.3
DNR
DNR
DNR

Adults Ages 65 or Older That Have Ever Had a Pneumonia Shot, by Year, Maine, 2002-2010

Year	Unweighted Number	Weighted Number	%	LCL	UCL
2002	312	116,917	66.9	62.2	71.7
2003	296	121,931	64.8	60.1	69.5
2004	522	121,241	65.6	61.9	69.4
2005	552	121,284	64.4	60.8	68.1
2006	604	127,962	67.9	64.5	71.3
2007	1,226	135,255	71.1	68.6	73.7
2008	1,389	137,719	72.3	70.1	74.6
2009	1,665	138,053	71.4	69.3	73.4
2010	1,777	139,580	71.8	69.8	73.8

Data Source: Behavioral Risk Factor Surveillance System

% = Weighted percentage of respondents

LCL = Lower 95% confidence level of the weighted percentage; UCL = Upper 95% confidence level of the weighted percentage

All percentages are weighted to be more representative of the population of Maine and to adjust for non-response.

**Tetanus, Diphtheria and Pertussis (Tdap) Vaccination Coverage Among Adolescents Aged 13-17 Years, by Year
and by Race and Ethnicity, Maine, 2008-2010**

	Percentage	95% CI
Year		
2008	43.0	36.9-49.3
2009	54.0	47.2-60.6
2010	63.2	56.6-69.3
U.S. 2010	68.7	67.5-69.8
Race and Ethnicity		
American Indian or Alaska Native, non-Hispanic	DNR	DNR
Asian, non-Hispanic	DNR	DNR
Black, non-Hispanic	DNR	DNR
Hispanic	DNR	DNR
White, non-Hispanic	63.7	57.0-69.9

Data Source: National Immunization Survey - Teen (NIS-Teen)

Percentage shown is a point estimate. Vaccination coverage estimates include only adolescents who had adequately complete provider-reported immunization records.

Includes percentages of adolescents receiving one or more dose of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap), or tetanus-unknown type vaccine.

Adolescents in the 2009 NIS-Teen were born during January 1991 - February 1997. Adolescents in the 2010 NIS-Teen were born during January 1992 - February 1998.

95% CI = 95% confidence interval (CI).

Race and Ethnicity are reported by respondent. Adolescents of Hispanic ethnicity may be of any race. Native Hawaiian or other Pacific Islanders and persons of multiple races were not included because of small sample sizes.

DNR: Data Not Reliable. Data is not provided if the unweighted sample size for the denominator was <30 or (CI half width)/Estimate > 0.6.